

DMEM (High Glucose) Medium Ingredient Formula

Ingredient (mg/L) / Cat. No.	PM150210P
CaCl ₂ (Anhydrous)	200
Fe(NO ₃) ₃ •9H ₂ O	0.1
MgSO ₄ (Anhydrous)	97.67
KCl	400
NaHCO ₃	–
NaCl	6400
NaH ₂ PO ₄ (Anhydrous)	109
L-Alanyl-L-Glutamine	–
Glycine	30
L-Arginine Hydrochloride	84
L-Cystine Dihydrochloride	62.6
L-Glutamine	584
L-Histidine Hydrochloride monohydrate	42
L-Isoleucine	105
L-Leucine	105
L-Lysine Hydrochloride	146
L-Methionine	30
L-Phenylalanine	66
L-Serine	42
L-Threonine	95
L-Tryptophan	16
L-Tyrosine Disodium Salt dihydrate	103.79
L-Valine	94
Choline Chloride	4
D-Calcium Pantothenate	4
Folic Acid	4
Niacinamide	4
Pyridoxine Hydrochloride	4
Riboflavin	0.4
Thiamine Hydrochlorid	4
Meso-inositol	7.2
D-Glucose	4500
Sodium Pyruvate	110
HEPES	–
Phenol Red	15
Penicillin G Sodium Salt	–
Streptomycin Sulfate	–